

AN ACT in relation to vehicles.

Be it enacted by the People of the State of Illinois,  
represented in the General Assembly:

Section 5. The Illinois Vehicle Code is amended by  
changing Section 15-111 as follows:

(625 ILCS 5/15-111) (from Ch. 95 1/2, par. 15-111)

Sec. 15-111. Wheel and axle loads and gross weights.

(a) On non-designated highways, no vehicle or  
combination of vehicles equipped with pneumatic tires may be  
operated, unladen or with load, when the total weight  
transmitted to the road surface exceeds 18,000 pounds on a  
single axle or 32,000 pounds on a tandem axle with no axle  
within the tandem exceeding 18,000 pounds except:

(1) when a different limit is established and  
posted in accordance with Section 15-316 of this Code;

(2) vehicles for which the Department of  
Transportation and local authorities issue overweight  
permits under authority of Section 15-301 of this Code;

(3) tow trucks subject to the conditions provided  
in subsection (d) may not exceed 24,000 pounds on a  
single rear axle or 44,000 pounds on a tandem rear axle;

(4) any single axle of a 2-axle truck weighing  
36,000 pounds or less and not a part of a combination of  
vehicles, shall not exceed 20,000 pounds;

(5) any single axle of a 2-axle truck equipped with  
a personnel lift or digger derrick, weighing 36,000  
pounds or less, owned and operated by a public utility,  
shall not exceed 20,000 pounds;

(6) any single axle of a 2-axle truck specially  
equipped with a front loading compactor used exclusively  
for garbage, refuse, or recycling may not exceed 20,000

pounds per axle, provided that the gross weight of the vehicle does not exceed 40,000 pounds;

(7) a truck, not in combination and specially equipped with a selfcompactor or an industrial roll-off hoist and roll-off container, used exclusively for garbage or refuse operations may, when laden, transmit upon the road surface the following maximum weights: 22,000 pounds on a single axle; 40,000 pounds on a tandem axle;

(8) a truck, not in combination and used exclusively for the collection of rendering materials, may, when laden, transmit upon the road surface the following maximum weights: 22,000 pounds on a single axle; 40,000 pounds on a tandem axle;

(9) tandem axles on a 3-axle truck registered as a Special Hauling Vehicle, manufactured prior to or in the model year of 2014 2004 and first registered in Illinois prior to January 1, 2015 2005, with a distance greater than 72 inches but not more than 96 inches between any series of 2 axles, is allowed a combined weight on the series not to exceed 36,000 pounds and neither axle of the series may exceed 18,000 pounds. Any vehicle of this type manufactured after the model year of 2014 2004 or first registered in Illinois after December 31, 2014 2004 may not exceed a combined weight of 32,000 pounds through the series of 2 axles and neither axle of the series may exceed 18,000 pounds;

(10) tandem axles on a 4-axle truck mixer, whose fourth axle is a road surface engaging mixer trailing axle, registered as a Special Hauling Vehicle, used exclusively for the mixing and transportation of concrete and manufactured prior to or in the model year of 2014 2004 and first registered in Illinois prior to January 1, 2015 2005, with a distance greater than 72 inches but not

more than 96 inches between any series of 2 axles, is allowed a combined weight on the series not to exceed 36,000 pounds and neither axle of the series may exceed 18,000 pounds. Any vehicle of this type manufactured after the model year of 2014 ~~2004~~ or first registered in Illinois after December 31, 2014 ~~2004~~ may not exceed a combined weight of 32,000 pounds through the series of 2 axles and neither axle of the series may exceed 18,000 pounds;

(11) 4-axle vehicles or a 5 or more axle combination of vehicles: The weight transmitted upon the road surface through any series of 3 axles whose centers are more than 96 inches apart, measured between extreme axles in the series, may not exceed those allowed in the table contained in subsection (f) of this Section. No axle or tandem axle of the series may exceed the maximum weight permitted under this Section for a single or tandem axle.

No vehicle or combination of vehicles equipped with other than pneumatic tires may be operated, unladen or with load, upon the highways of this State when the gross weight on the road surface through any wheel exceeds 800 pounds per inch width of tire tread or when the gross weight on the road surface through any axle exceeds 16,000 pounds.

(b) On non-designated highways, the gross weight of vehicles and combination of vehicles including the weight of the vehicle or combination and its maximum load shall be subject to the foregoing limitations and further shall not exceed the following gross weights dependent upon the number of axles and distance between extreme axles of the vehicle or combination measured longitudinally to the nearest foot.

VEHICLES HAVING 2 AXLES ..... 36,000 pounds

VEHICLES OR COMBINATIONS

HAVING 3 AXLES

With Tandem Axles		With or Without Tandem Axles	
Minimum distance to nearest foot between extreme axles	Maximum Gross Weight (pounds)	Minimum distance to nearest foot between extreme axles	Maximum Gross Weight (pounds)
10 feet	41,000	16 feet	46,000
11	42,000	17	47,000
12	43,000	18	47,500
13	44,000	19	48,000
14	44,500	20	49,000
15	45,000	21 feet or more	50,000

VEHICLES OR COMBINATIONS

HAVING 4 AXLES

Minimum distance to nearest foot between extreme axles		Minimum distance to nearest foot between extreme axles	
Maximum Gross Weight (pounds)	Maximum Gross Weight (pounds)	Maximum Gross Weight (pounds)	Maximum Gross Weight (pounds)
15 feet	50,000	26 feet	57,500
16	50,500	27	58,000
17	51,500	28	58,500
18	52,000	29	59,500
19	52,500	30	60,000
20	53,500	31	60,500
21	54,000	32	61,500
22	54,500	33	62,000
23	55,500	34	62,500
24	56,000	35	63,500
25	56,500	36 feet or more	64,000

A vehicle not in a combination having more than 4 axles

may not exceed the weight in the table in this subsection (b) for 4 axles measured between the extreme axles of the vehicle.

COMBINATIONS HAVING 5 OR MORE AXLES

Minimum distance to nearest foot between extreme axles	Maximum Gross Weight (pounds)
42 feet or less	72,000
43	73,000
44 feet or more	73,280

VEHICLES OPERATING ON CRAWLER TYPE TRACKS ..... 40,000 pounds

TRUCKS EQUIPPED WITH SELFCOMPACTORS

OR ROLL-OFF HOISTS AND ROLL-OFF CONTAINERS FOR GARBAGE

OR REFUSE HAULS ONLY AND TRUCKS USED FOR

THE COLLECTION OF RENDERING MATERIALS

On Highway Not Part of National System

of Interstate and Defense Highways

with 2 axles	36,000 pounds
with 3 axles	54,000 pounds

TWO AXLE TRUCKS EQUIPPED WITH

A FRONT LOADING COMPACTOR USED EXCLUSIVELY

FOR THE COLLECTION OF GARBAGE, REFUSE, OR RECYCLING

with 2 axles	40,000 pounds
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(c) Cities having a population of more than 50,000 may permit by ordinance axle loads on 2 axle motor vehicles 33 1/2% above those provided for herein, but the increase shall not become effective until the city has officially notified the Department of the passage of the ordinance and shall not apply to those vehicles when outside of the limits of the city, nor shall the gross weight of any 2 axle motor vehicle operating over any street of the city exceed 40,000 pounds.

(d) Weight limitations shall not apply to vehicles

(including loads) operated by a public utility when transporting equipment required for emergency repair of public utility facilities or properties or water wells.

A combination of vehicles, including a tow truck and a disabled vehicle or disabled combination of vehicles, that exceeds the weight restriction imposed by this Code, may be operated on a public highway in this State provided that neither the disabled vehicle nor any vehicle being towed nor the tow truck itself shall exceed the weight limitations permitted under this Chapter. During the towing operation, neither the tow truck nor the vehicle combination shall exceed 24,000 pounds on a single rear axle and 44,000 pounds on a tandem rear axle, provided the towing vehicle:

(1) is specifically designed as a tow truck having a gross vehicle weight rating of at least 18,000 pounds and is equipped with air brakes, provided that air brakes are required only if the towing vehicle is towing a vehicle, semitrailer, or tractor-trailer combination that is equipped with air brakes;

(2) is equipped with flashing, rotating, or oscillating amber lights, visible for at least 500 feet in all directions;

(3) is capable of utilizing the lighting and braking systems of the disabled vehicle or combination of vehicles; and

(4) does not engage in a tow exceeding 20 miles from the initial point of wreck or disablement. Any additional movement of the vehicles may occur only upon issuance of authorization for that movement under the provisions of Sections 15-301 through 15-319 of this Code.

Gross weight limits shall not apply to the combination of the tow truck and vehicles being towed. The tow truck license plate must cover the operating empty weight of the

tow truck only. The weight of each vehicle being towed shall be covered by a valid license plate issued to the owner or operator of the vehicle being towed and displayed on that vehicle. If no valid plate issued to the owner or operator of that vehicle is displayed on that vehicle, or the plate displayed on that vehicle does not cover the weight of the vehicle, the weight of the vehicle shall be covered by the third tow truck plate issued to the owner or operator of the tow truck and temporarily affixed to the vehicle being towed.

The Department may by rule or regulation prescribe additional requirements. However, nothing in this Code shall prohibit a tow truck under instructions of a police officer from legally clearing a disabled vehicle, that may be in violation of weight limitations of this Chapter, from the roadway to the berm or shoulder of the highway. If in the opinion of the police officer that location is unsafe, the officer is authorized to have the disabled vehicle towed to the nearest place of safety.

For the purpose of this subsection, gross vehicle weight rating, or GVWR, shall mean the value specified by the manufacturer as the loaded weight of the tow truck.

(e) No vehicle or combination of vehicles equipped with pneumatic tires shall be operated, unladen or with load, upon the highways of this State in violation of the provisions of any permit issued under the provisions of Sections 15-301 through 15-319 of this Chapter.

(f) On designated Class I, II, or III highways and the National System of Interstate and Defense Highways, no vehicle or combination of vehicles with pneumatic tires may be operated, unladen or with load, when the total weight on the road surface exceeds the following: 20,000 pounds on a single axle; 34,000 pounds on a tandem axle with no axle within the tandem exceeding 20,000 pounds; 80,000 pounds gross weight for vehicle combinations of 5 or more axles; or

a total weight on a group of 2 or more consecutive axles in excess of that weight produced by the application of the following formula:  $W = 500 \text{ times the sum of } (LN \text{ divided by } N-1) + 12N + 36$ , where "W" equals overall total weight on any group of 2 or more consecutive axles to the nearest 500 pounds, "L" equals the distance measured to the nearest foot between extremes of any group of 2 or more consecutive axles, and "N" equals the number of axles in the group under consideration.

The above formula when expressed in tabular form results in allowable loads as follows:

Distance measured  
to the nearest  
foot between the  
extremes of any  
group of 2 or  
more consecutive  
axles

Maximum weight in pounds  
of any group of  
2 or more consecutive axles

feet	2 axles	3 axles	4 axles	5 axles	6 axles
4	34,000				
5	34,000				
6	34,000				
7	34,000				
8	38,000*	42,000			
9	39,000	42,500			
10	40,000	43,500			
11		44,000			
12		45,000	50,000		
13		45,500	50,500		
14		46,500	51,500		
15		47,000	52,000		
16		48,000	52,500	58,000	
17		48,500	53,500	58,500	
18		49,500	54,000	59,000	

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19	50,000	54,500	60,000	
20	51,000	55,500	60,500	66,000
21	51,500	56,000	61,000	66,500
22	52,500	56,500	61,500	67,000
23	53,000	57,500	62,500	68,000
24	54,000	58,000	63,000	68,500
25	54,500	58,500	63,500	69,000
26	55,500	59,500	64,000	69,500
27	56,000	60,000	65,000	70,000
28	57,000	60,500	65,500	71,000
29	57,500	61,500	66,000	71,500
30	58,500	62,000	66,500	72,000
31	59,000	62,500	67,500	72,500
32	60,000	63,500	68,000	73,000
33		64,000	68,500	74,000
34		64,500	69,000	74,500
35		65,500	70,000	75,000
36		66,000	70,500	75,500
37		66,500	71,000	76,000
38		67,500	72,000	77,000
39		68,000	72,500	77,500
40		68,500	73,000	78,000
41		69,500	73,500	78,500
42		70,000	74,000	79,000
43		70,500	75,000	80,000
44		71,500	75,500	
45		72,000	76,000	
46		72,500	76,500	
47		73,500	77,500	
48		74,000	78,000	
49		74,500	78,500	
50		75,500	79,000	
51		76,000	80,000	
52		76,500		

53	77,500
54	78,000
55	78,500
56	79,500
57	80,000

\*If the distance between 2 axles is 96 inches or less, the 2 axles are tandem axles and the maximum total weight may not exceed 34,000 pounds, notwithstanding the higher limit resulting from the application of the formula.

Vehicles not in a combination having more than 4 axles may not exceed the weight in the table in this subsection (f) for 4 axles measured between the extreme axles of the vehicle.

Vehicles in a combination having more than 6 axles may not exceed the weight in the table in this subsection (f) for 6 axles measured between the extreme axles of the combination.

Local authorities and road district highway commissioners, with respect to streets and highways under their jurisdiction, without additional fees, may also by ordinance or resolution allow the weight limitations of this subsection, provided the maximum gross weight on any one axle shall not exceed 20,000 pounds and the maximum total weight on any tandem axle shall not exceed 34,000 pounds, on designated highways when appropriate regulatory signs giving notice are erected upon the street or highway or portion of any street or highway affected by the ordinance or resolution.

The following are exceptions to the above formula:

(1) Two consecutive sets of tandem axles may carry a total weight of 34,000 pounds each if the overall distance between the first and last axles of the consecutive sets of tandem axles is 36 feet or more.

(2) Vehicles for which a different limit is

established and posted in accordance with Section 15-316 of this Code.

(3) Vehicles for which the Department of Transportation and local authorities issue overweight permits under authority of Section 15-301 of this Code. These vehicles are not subject to the bridge formula.

(4) Tow trucks subject to the conditions provided in subsection (d) may not exceed 24,000 pounds on a single rear axle or 44,000 pounds on a tandem rear axle.

(5) A tandem axle on a 3-axle truck registered as a Special Hauling Vehicle, manufactured prior to or in the model year of 2014 2004, and registered in Illinois prior to January 1, 2015 2005, with a distance between 2 axles in a series greater than 72 inches but not more than 96 inches may not exceed a total weight of 36,000 pounds and neither axle of the series may exceed 18,000 pounds.

(6) A truck not in combination, equipped with a self compactor or an industrial roll-off hoist and roll-off container, used exclusively for garbage or refuse operations, may, when laden, transmit upon the road surface, except when on part of the National System of Interstate and Defense Highways, the following maximum weights: 22,000 pounds on a single axle; 40,000 pounds on a tandem axle; 36,000 pounds gross weight on a 2-axle vehicle; 54,000 pounds gross weight on a 3-axle vehicle. This vehicle is not subject to the bridge formula.

(7) Combinations of vehicles, registered as Special Hauling Vehicles that include a semitrailer manufactured prior to or in the model year of 2014 2004, and registered in Illinois prior to January 1, 2015 2005, having 5 axles with a distance of 42 feet or less between extreme axles, may not exceed the following maximum weights: 18,000 pounds on a single axle; 32,000 pounds on a tandem axle; and 72,000 pounds gross weight. This

combination of vehicles is not subject to the bridge formula. For all those combinations of vehicles that include a semitrailer manufactured after the effective date of this amendatory Act of the 92nd General Assembly, the overall distance between the first and last axles of the 2 sets of tandems must be 18 feet 6 inches or more. Any combination of vehicles that has had its cargo container replaced in its entirety after December 31, 2014 ~~2004~~ may not exceed the weights allowed by the bridge formula.

No vehicle or combination of vehicles equipped with other than pneumatic tires may be operated, unladen or with load, upon the highways of this State when the gross weight on the road surface through any wheel exceeds 800 pounds per inch width of tire tread or when the gross weight on the road surface through any axle exceeds 16,000 pounds.

(f-1) A vehicle and load not exceeding 73,280 pounds is allowed access as follows:

(1) From any State designated highway onto any county, township, or municipal highway for a distance of 5 highway miles for the purpose of loading and unloading, provided:

(A) The vehicle and load does not exceed 8 feet 6 inches in width and 65 feet overall length.

(B) There is no sign prohibiting that access.

(C) The route is not being used as a thoroughfare between State designated highways.

(2) From any State designated highway onto any county or township highway for a distance of 5 highway miles, or any municipal highway for a distance of one highway mile for the purpose of food, fuel, repairs, and rest, provided:

(A) The vehicle and load does not exceed 8 feet 6 inches in width and 65 feet overall length.

(B) There is no sign prohibiting that access.

(C) The route is not being used as a thoroughfare between State designated highways.

(f-2) A vehicle and load greater than 73,280 pounds in weight but not exceeding 80,000 pounds is allowed access as follows:

(1) From a Class I highway onto any street or highway for a distance of one highway mile for the purpose of loading, unloading, food, fuel, repairs, and rest, provided there is no sign prohibiting that access.

(2) From a Class I, II, or III highway onto any State highway or any local designated highway for a distance of 5 highway miles for the purpose of loading, unloading, food, fuel, repairs, and rest.

Section 5-35 of the Illinois Administrative Procedure Act relating to procedures for rulemaking shall not apply to the designation of highways under this subsection.

(g) No person shall operate a vehicle or combination of vehicles over a bridge or other elevated structure constituting part of a highway with a gross weight that is greater than the maximum weight permitted by the Department, when the structure is sign posted as provided in this Section.

(h) The Department upon request from any local authority shall, or upon its own initiative may, conduct an investigation of any bridge or other elevated structure constituting a part of a highway, and if it finds that the structure cannot with safety to itself withstand the weight of vehicles otherwise permissible under this Code the Department shall determine and declare the maximum weight of vehicles that the structures can withstand, and shall cause or permit suitable signs stating maximum weight to be erected and maintained before each end of the structure. No person shall operate a vehicle or combination of vehicles over any

structure with a gross weight that is greater than the posted maximum weight.

(i) Upon the trial of any person charged with a violation of subsections (g) or (h) of this Section, proof of the determination of the maximum allowable weight by the Department and the existence of the signs, constitutes conclusive evidence of the maximum weight that can be maintained with safety to the bridge or structure.

(Source: P.A. 92-417, eff. 1-1-02.)

Section 99. Effective date. This Act takes effect January 1, 2004.